

## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail** Mail Stop ISSUE FEE  
**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, Virginia 22313-1450**  
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**INSTRUCTIONS:** This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

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7590 08/16/2007  
 Robert E. Bushnell  
 Suite 300  
 1522 K Street, N.W.  
 Washington, DC 20005



## Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/774,453	02/10/2004	Shin-Woong Kay	P56974	1693

TITLE OF INVENTION: CABLE MODEM THAT CAN PREVENT MODEM SIGNAL FROM TRANSFERRING TO AN HFC NETWORK WHEN INTERNAL CIRCUIT OF THE CABLE MODEM OPERATES ABNORMALLY

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$0	\$1700	11/16/2007
EXAMINER		ART UNIT	CLASS-SUBCLASS	11/19/2007 CNGUYEN3 00000015 10774453		
TRAN, KHANH C		2611	375-222000	01 FC:1501 02 FC:1504	1440.00 OP 300.00 OP	

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Robert E. Bushnell, Esq.

2 \_\_\_\_\_

3 \_\_\_\_\_

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Samsung Electronics Co., Ltd.

Suwon-si, Gyeonggi-do, Korea

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

- ☒ Issue Fee  
☒ Publication Fee (No small entity discount permitted)  
☐ Advance Order - # of Copies \_\_\_\_\_

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- ☒ A check is enclosed.  
☐ Payment by credit card. Form PTO-2038 is attached.  
☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number \_\_\_\_\_ (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

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Authorized Signature Robert E. Bushnell

Date 16 November 2007

Typed or printed name Robert E. Bushnell

Registration No. 27,774

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Shin-Woong KAY

Serial No.: 10/774,453

Examiner: TRAN, KHANH C

Filed: 2/10/2004

Art Unit: 2611

For: CABLE MODEM THAT CAN PREVENT MODEM SIGNAL FROM  
TRANSFERRING TO AN HFC NETWORK WHEN INTERNAL CIRCUIT OF  
THE CABLE MODEM OPERATES ABNORMALLY

**ISSUE FEE TRANSMITTAL**

**Mail Stop: ISSUE FEE**

Commissioner for Patents

Alexandria, VA 22313-1450

Sir:

This transmittal accompanies a signed Issue Fee Transmittal, PTOL-85B, and Applicant's check drawn to the order of the Commissioner of Patents & Trademarks in the amount of U.S. \$1,740.00, including PUBLICATION fee of \$300.00.

Respectfully submitted,

Robert E. Bushnell

Attorney for Applicant

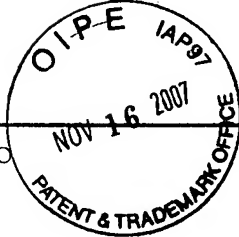
Reg. No.: 27,774

1522 K Street, N.W. Suite 300  
Washington, D.C. 20005-1202  
(202) 408-9040

Folio: P56974

Date: November 16, 2007

REB/syk



<b>FEE TRANSMITTAL</b>		<b>COMPLETE IF KNOWN</b>																							
		Application Number		10/774,453																					
		Filing Date		2/10/2004																					
		First Named Inventor		Shin-Woong KAY																					
		Group Art Unit		2611																					
		Examiner Name		TRAN, KHANH C																					
<b>TOTAL AMOUNT OF PAYMENT</b>		<b>\$1,740.00</b>	Attorney Docket Number		P56974																				
<b>METHOD OF PAYMENT (check one)</b>																									
1. <input checked="" type="checkbox"/> Payment enclosed:  <input checked="" type="checkbox"/> <b>Check # 53335</b> <input type="checkbox"/> Money order <input type="checkbox"/> Other		2. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to: Account Number: <u>02-4943</u> Deposit Account Name: <input type="checkbox"/> Charge any additional fee required under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Charge the issue Fee set in 37 CFR 1.18 at the mailing of the Notice of Allowance. 37 CFR 1.311 (b).																							
<b>FEE CALCULATION</b>																									
ISSUE FEE PUBLICATION FEE																									
<table><thead><tr><th>Fee Code</th><th>Fee(s)</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>1501</td><td>\$ 1,440.00</td><td>Utility Issue fee</td><td>\$ 1,440.00</td></tr><tr><td>2501</td><td>\$ 720.00</td><td>Utility Issue fee</td><td>0.00</td></tr><tr><td>1504</td><td>\$300.00</td><td>Publication fee</td><td>\$300.00</td></tr><tr><td colspan="3" style="text-align: right;"><b>TOTAL:</b></td><td><b>\$1,740.00</b></td></tr></tbody></table>						Fee Code	Fee(s)	Fee Description	Fee Paid	1501	\$ 1,440.00	Utility Issue fee	\$ 1,440.00	2501	\$ 720.00	Utility Issue fee	0.00	1504	\$300.00	Publication fee	\$300.00	<b>TOTAL:</b>			<b>\$1,740.00</b>
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submitted by: Robert E. Bushnell, Attorney-at-Law Suite 300, 1522 "K" Street, N.W. Washington, D.C. 20005-1202				Complete (if applicable)																					
Typed or Printed Name	Robert E. Bushnell		Payor No. <u>008439</u>	Reg. No.	27,774																				
Signature			Date	November 16, 2007	Deposit Account User ID																				

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